CHANNEL COMMUNICATION APPARATUS AND METHOD IN CDMA COMMUNICATION SYSTEM

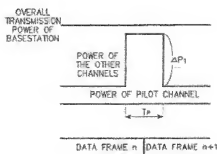|		Also published as:
Publication number:	JP2002522988 (T)	
Publication date:	2002-07-23	☐ JP3447265 (B2)
Inventor(s):		⬜ WO0008869 (A2)
Applicant(s):		⬜ WO0008869 (A3)
Classification:		☐ RU2219681 (C2)
- international:	H04B1/707; H04B7/005; H04B7/216; H04B7/26; H04J13/02; H04W52/32; H04W52/42; H04W52/16; H04W52/34; H04B1/707; H04B7/005; H04B7/204; H04B7/26; H04J13/02; H04W3/00; H04W52/00; (IPC1-7): H04B1/707; H04B7/26; H04Q7/38	☐ PL196661 (B1)
		more >>
- European:	H04W52/32C; H04M3/00	
Application number:	JP20000564393T 19990804	
Priority number(s):	KR19980031952 19980804; KR19980033359 19980814; KR19980036679 19980903; WO1999KR00430 19990804	

Abstract not available for JP 2002522988 (T)

Abstract of corresponding document: WO 0008869 (A2)

A channel communication apparatus and method are provided for a CDMA communication system method for acquiring signals from multiple adjacent base stations by a terminal; for providing more efficient set management; for providing more efficient multipath acquisition and finger assignment; and for acquiring a signal sent from an adjacent base station and a multipath signal which can reduce power consumption and hardware complexity in the terminal. The apparatus and methods also accurately measure the power or time delay of a signal received from a base station by a terminal in a CDMA communication system.; A channel communication apparatus and method are provided for a CDMA communication system for acquiring signals from multiple adjacent base stations by a terminal. Each base station sends temporarily a pilot signal at an increased power level so that a terminal can acquire sequentially the pilot signals sent from all adjacent base stations to accurately measure the received pilot signal strength or time of arrival to estimate the location of a terminal on a forward link. By means of the method set management, multipath acquisition and finger assignment can be advantageously improved and power consumption and hardware complexity of the terminal can be decreased.